E187 (Almanacs)

From the Fund
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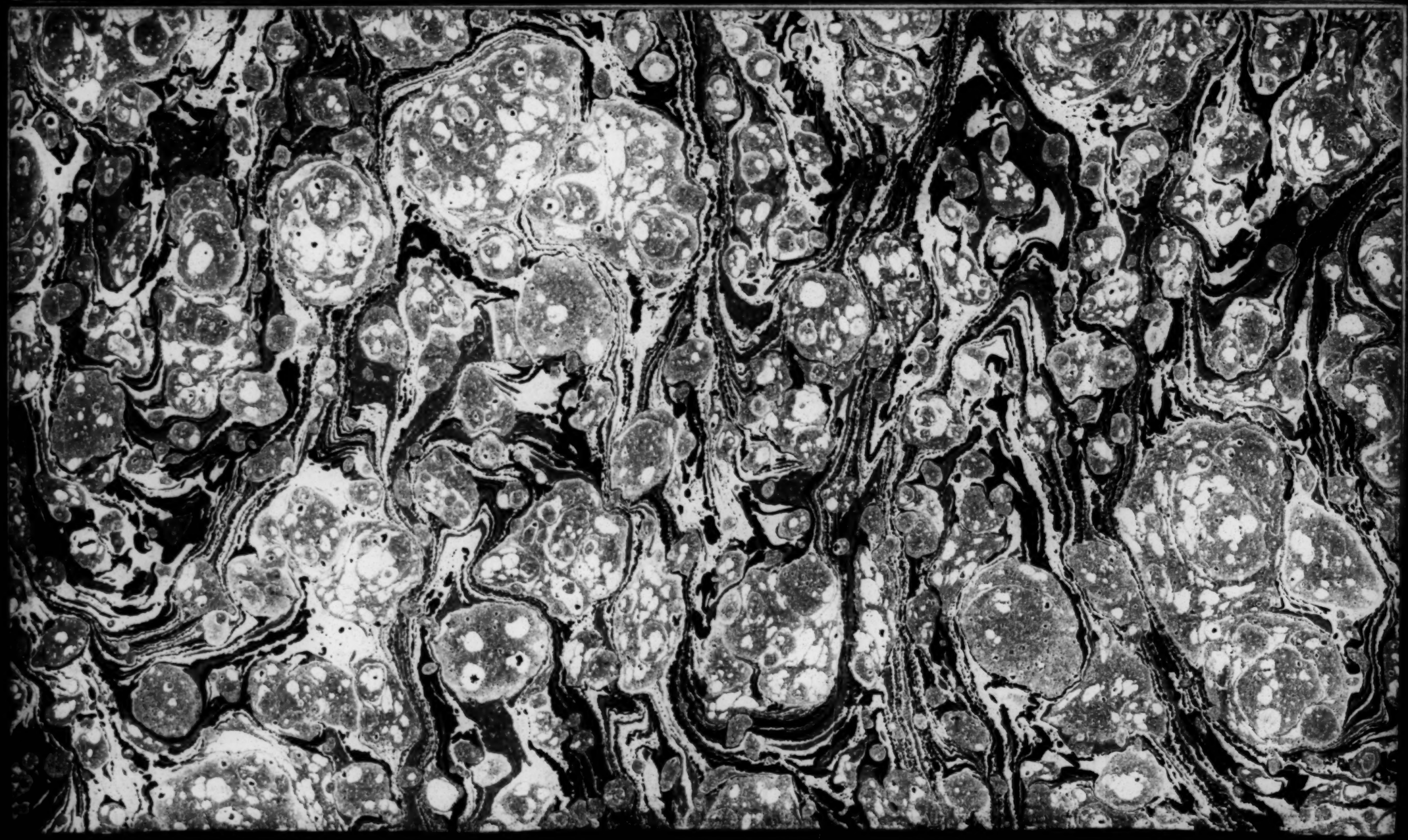
BY
James Savage.

Received March 1879



COOGSPEED, BOSTON.

E187

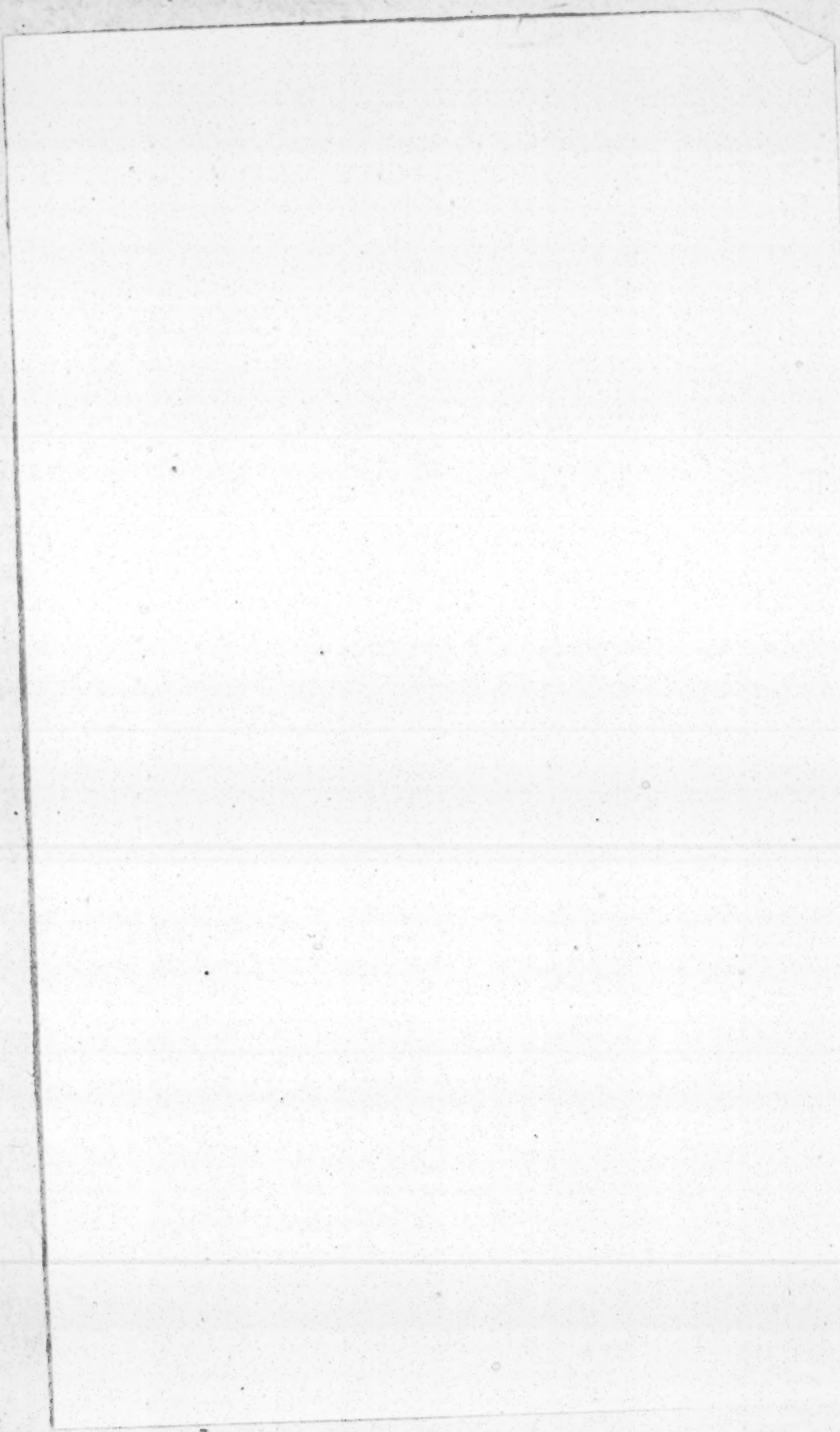
BOUND BY SADDINGTON, LONDON, ENGLAND

The fly leaf belonging with this volume has been bound with

Math. Mather
Boston Ephemeris
1685

GOODSPEED, BOSTON.

E187



BOUND BY RADDUSBOOKP. LONDON, ENGLAND

MDC LXXX IIII.

CAMBRIDGE EPHEMERIS.

AN ALMANACK OF

Cœleſtial Motions, Configurations &c. For the year of the Chriſtian Æra, 1684.

Being from

The { *Creation of the World* 5633.
Suffering of our Saviour 1651
Reſtauration K. Charles II. 24
Leap year (in our account) 1:

The Vulgar Notes

Cycle of ☉ & ☾ 13 } Epact 23
Dominical Letter E. } Numb. Direct. 09

Calculated for the Meridian of Cambridg in N. England, Lat. 42 degr. *about* 30 min. Long. 315 degr.

By N. Ruſſel *Aſtrotyr.*

Gen. 1. 14. And God ſaid, let there be Lights in the Firmament of Heaven.
Pſal. 136. 8. The Sun to Rule by Day——
Verſe 9. The Moon & Stars to Rule by night.

Aſtra Regunt Homines; ſed Regit Aſtra Deus.

CAMBRIDGE:
Printed by *Samuel Green* 1684.

Of the Eclipſes this Year.

THey are in number Three, two will be of the *Moon*, the other of the *Sun*.

The firſt Eclipſe will be of the *moon*, and will happen on *June* the 16. It begins *9. min* 47. *ſec.* paſt 9 of the clock at night & ends *24. min* 13. *ſec.* paſt 10 at night. Laſts 1 houre, 14 *min.* 26 *ſec.* Digits of the lower edge of the *moon eclipſed* 1. 7 *min.*

The ſecond Eclipſe will be of the ſun on the ſecond day of *July*. It begins 30 *min.* 7 *ſec.* paſt 7 of the clock in the morning, ends 13 *min.* 53 *ſec.* paſt 10 morning: This Eclipſe will continue 2 hours 43 *min.* & 46 *ſec.* Digits Eclipſed 11. 48 *min.* *Almoſt a total Eclipſe.*

The third is on the 11 *December*. It begins 24 *min.* 54 *ſec.* paſt 4 afternoon a little before the *moon riſes*. It ends 39 *min.* 6 *ſec.* paſt 7 night. continues 3 hours 14 *min.* 12 *ſec.* Digits Eclipſed 8,43 *min:* This eclipſe will be of the upper part of the *moons body*.

ON *October* the third will be celebrated a famous conjunction of *Saturn* and *Mars*. and whereas they are deemed the two Malevolent and infortunate Planets, the conjunction therof, (ſay Aſtrologers) imports no good.

Venus having been *Occidental* from the beginning of this year to the 25 of *Auguſt*: ſhe then becomes *Oriental* or the morning Star and ſo continues to the end of this year.

Eclipſe was ſeen well
i.e. Ult. Laſt of ye Moon

March hath 31 dayes.

New Moon 5 day, 48 *min.* past 10 night.
First Quarter 14 day, 36 *min.* past 1 morn.
Full Moon, 20 day, 23 *min.* past 9 night.
Second Quarter 27 day, 42 *min.* past 2 afternoon.

M.	W.	Planets Aſpects. &c.	R ☉ S	☉ place	☾ place.
1	7	☾ ☿ ♄ 29 ♌ Retr.	6 12 6	22 ♓ 10	♒ 1
2	E	♆ 17 ♏ Retr.	6 11 6	23 09	14
3	2	☌ ☾ ♄ ☍ ♂ 19 ♈ Dir.	6 10 6	24 09	26
4	3	Court Aſſiſt. Boſt. C. Plim	6 08 6	25 09	♓ 8
5	4	(☌☾♀ ☌☾♆.	6 07 6	26 09	20
6	5	C. Court Hartf. ☾ Apog.	6 05 6	27 08	♈ 2
7	6	☌ ☾ ♂	6 04 6	28 08	14
8	7	☌ ☾ ♀ ☌ ♂ 27 ♈ D	6 02 6	29 07	26
9	E		6 01 6	0 ♈ 07	♉ 8
10	2		6 00 6	01 06	20
11	3	C. Court Fairfield.	5 59 7	02 06	♊ 2
12	4		5 57 7	03 05	14
13	5		5 56 7	04 05	27
14	6	☾ ☌.	5 55 7	05 04	♋ 10
15	7		5 53 7	06 03	28
16	E	♀ 9 ♓ Direct.	5 52 7	07 02	♌ 6
17	2	☌ ☾ ♄	5 50 7	08 01	20
18	3	☌ ☾ ♆ ☌ ☾ ♀	5 48 7	09 00	♍ 5
19	4	♄ 27 ♌ Retr.	5 46 7	09 59	20
20	5	☾ Perig.	5 44 7	10 58	♎ 5
21	6		5 43 7	11 57	20
22	7	☌ ☾ ♂ ♀ ☌ ♆ ♀	5 41 7	12 56	♏ 6
23	E		5 40 7	13 55	22
24	2		5 39 7	14 54	♐ 5
25	3	C: Ipſwich & Nor. Ham	5 38 7	15 53	19
26	4	♆ 14 ♍ Retrog.	5 37 7	16 52	♑ 3
27	5	Jack Negro.	5 36 7	17 51	16
28	6	☾ ☌	5 34 7	18 50	29
29	7		5 33 7	19 49	♒ 11
30	E	☌ ☾ ♄	5 32 7	20 48	23
31	2	☌ ☾ ♆ ☍ ♂ 10 ♉ Dir.	5 30 7	21 47	♓ 5

SPring tydes may be expected (*this month*) from the 17 to 22 day and on the 21 day (eſpecially if the weather incites thereto) you may look for an extraordinary high tide; It will flow at Boſton till about 12 of the clock at noon.

on yᶜ 22. day May an extraordinary high Tide.

April hath 30 dayes.

New Moon 4 Day 24 *min.* past 4 after noon.
First Quarter 12 Day. 31 *min.* past 2 after noon.
Full Moon 19 Day 18 *min.* past 6 morn.
Second Quarter 26 Day 33 *min.* past 4 morn.

M.W.		Planets, Aſpects, &c.	R⊙S	⊙Place	☾ Place
1	3	C. Court. Cambridge	5 28 7	22 ♈ 45	♓ 17
2	4	☌ ☾ ♀.	5 27 7	23 43	29
3	5		5 26 7	24 40	♈ 11
4	6	☾ Agogæon.	5 24 7	25 40	24
5	7	☌ ☾ ♂.	5 23 7	26 38	♉ 05
6	E		5 22 7	27 37	17
7	2	Court Salisbury.	5 20 7	28 37	29
8	3		5 18 7	29 35	♊ 11
9	4	♀ 7 ♊ Direct.	6 17 7	0 ♉ 32	24
10	5	☾ ☍ ♄. ♀ 14 ♈ Dir.	5 16 7	01 30	♋ 06
11	6		5 15 7	02 29	19
12	7	☌ Lun. ♄	5 14 7	03 27	♌ 02
13	E	♄ 27 ♌ Retro.	5 13 7	04 25	15
14	2		5 11 7	05 23	29
15	3	☌ Lun. ♆	5 10 7	06 21	♍ 14
16	4		5 9 7	07 20	29
17	5	☍ ☾ ♀.	5 7 7	08 18	♎ 13
18	6	☾ Perigæon.	5 6 7	09 16	29
19	7		5 4 7	10 14	♏ 14
20	E	♆ 13 ♍ Retrog.	5 3 7	11 12	29
21	2	☍ ☾ ☌ ♀ enters ♉	5 2 7	12 10	♐ 14
22	3		5 1 7	13 8	28
23	4		5 0 7	14 6	♑ 12
24	5		4 59 8	15 4	22
25	6	☾ ☍ ♆.	4 57 8	16 1	♒ 11
26	7	☍ ☾ ♄.	4 56 8	16 59	20
27	E		4 55 8	17 57	♓ 02
28	2	*Training.*	4 54 8	18 55	15
29	3	C. Court Boſt. ☌ en ♊	4 53 8	19 53	26
30	4	☌ ent. ♋ ♄ 27 ♌ d	4 52 8	20 50	♈ 08

THe moon at the time of her change, will be ſo far from the earth that ſhe will have but little influence on the Tides then, but at the full will be otherwiſe with her, ſhe then predicts very high tides.

May hath 31 dayes.

New Moon 4 day, 14 *min.* past 8 morn.
First Quarter 11 day, 26 *min.* past 11 night.
Full Moon, 19 day, 57 *min.* past morn.
Second Quarter 25 day, 55 *min.* past 7 morn.

M.	W.	Planets Aſpects. &c.	R ☉ S	☉ place	☾ place
1	5	♂ ☉ ♀.	4 51 8	21 ♉ 48	♈ 20
2	6	☽ Apgæon	4 40 8	22 46	♉ 02
3	7		4 49 8	23 42	14
4	E	♂ ☾ ♂ ♃.	4 48 8	24 41	26
5	2	♆ 12 ♍ D.	4 47 8	25 39	♊ 08
6	3	♀ 2 ♊ D.	4 46 8	26 35	21
7	4	Court ELECT. Boſton	4 45 8	27 44	♋ 03
8	5	C. ELECT. Har. ♂ ♂ ♀	4 44 8	28 31	16
9	6	☾ ♑.)	4 43 8	29 29	29
10	7	♄ 27 ♌ D.	4 42 8	0 ♊ 25	♌ 12
11	E	♂ ☾ ♄.	4 41 8	01 24	25
12	2	♂ ☾ ♆	4 40 8	02 20	♍ 09
13	3		4 39 8	03 19	23
14	4	♂ 10 ♊ Direct.	4 39 8	04 15	♎ 08
15	5	☾ Perigæon.	4 38 8	05 13	22
16	6		4 37 8	06 11	♏ 07
17	7	♀ 19 ♋ D.	4 36 8	07 9	22
18	E	☌ ☾ ♂.	5 35 8	08 5	♐ 07
19	2	☌ ☾ ♀	4 34 8	09 2	22
20	3	♄ 28 ♌ D.	4 33 8	09 59	♑ 06
21	4	☾ ♆. ☌ Lun. ♀	4 33 8	10 56	20
22	5	☿ 3 ♋ D.	4 32 8	11 55	♒ 03
23	6	☌ ♄ Lun..	4 31 8	12 51	16
24	7	♂ 17 ♊ D.	4 31 8	13 48	29
25	E	☌ ♆ Lun. ♆ 14 ♍ D	4 30 8	14 45	♓ 11
26	2		4 30 8	15 43	23
27	3	Court Aſſiſt Hartford	4 29 8	16 40	♈ 05
28	4	☾ Apogæon.	4 29 8	17 37	15
29	5		4 28 8	18 33	29
30	6	♀ 3 ♌ Direct.	4 28 8	19 31	♉ 09
31	7		4 23 8	30 20	23

THe Tides (this month) will happen to be but indifferently high at the Change of the Moon, at the Full they will be higher; They begin to riſe about the day, and fall when the Full comes.

June hath 30 dayes.

New Moon 2 Day 5 *min.* past 10 night.
First Quarter 10 Day. 13 *min.* past 5 morn.
Full Moon 16 Day 48 *min.* past 9 night.
Second Quarter 25 Day 39 *min.* past. morn.

M.W.		Planets, Aspects, &c.	R ☉S.	☉ Place.	☾ Place
1	E		4 28 8	21 ♊ 2	♊ 5
2	2	Artillery Elect. Boston.	4 28 8	22 23	17
3	3	C. Elect. Plym. C. N-Lon	+ 27 8	23 20	♋ 0
4	4	☌☾♀. ☾♄. ♀ 18 ♋ D.	+ 27 8	24 17	12
Fast	5		4 27 8	25 14	25
	6	☌☾♀. ♀ 10 ♌ Dir.	4 27 8	26 11	♌ 9
	7	☌☉♂. ☌☾♄	4 26 8	27 8	22
	E	☌☾♆.	4 26 8	28 6	♍ 6
	2		4 25 8	29 4	19
	3	♆ 15 ♍ Direct.	4 26 8	0 ♋ 0	♎ 3
	4	C. Court New-haven.	+ 26 8	00 57	18
	5	☾ Perig.	4 26 8	01 54	♏ 2
	6		+ 26 8	02 51	17
	7	☌ 1 ♋ Direct.	+ 26 8	03 49	♐ 2
	E	♆ 16 ♍ direct.	+ 27 8	04 45	16
	2	☌☿☌♂. ☽ Eclipse Vis.	4 26 8	05 42	♑
	3	C. Court Charlestown.	+ 27 8	06 39	14
	4		+ 27 8	07 36	28
	5		+ 27 8	08 33	♒ 11
	6	☌☾♄♀ ♆ 17 ♍ Dir	+ 27 8	09 30	24
	7	☌☾♆.	+ 28 8	10 27	♓ 7
	E		+ 28 8	11 24	19
	2		+ 28 8	12 21	♈ 1
	3	C. Court Salem.	4 29 8	13 18	13
	4		4 29 8	14 15	25
	5	Lun. Apog.	4 29 8	15 13	♉ 7
	6	☿ enters ♍.	4 30 8	16 10	19
	7	☌♄♀.	4 30 8	17 7	♊ 1
W	E	☌♆☿☉. ♀ 18 ♋ Ret	4 31 8	18 4	13
	2	☌☉♀.	4 32 8	19 1	26

This *month*, (as far as we can forelee) you need not fear extraordinary tides at the Change of the moon, the higheſt will happen the day before the full, and it will not be extraordinary then, conſidering that they are ſpring tides: *From* the 12 *day to the* 17.

July hath 31 dayes

New Moon 2 Day 49 *min.* past 9 morn.
First Quarter 9 Day 9 morn.
Full Moon 16 Day 54 *min* past 7 morn.
Second Quarter 24 Day 15 *min* past 5 morn.
New Moon 31 Day 20 *min* past 9 night.

M.	W.	Planets Aspects &c.	R ☉S.	☉ Place	☾ Place
1	3	C. Plim. COMMENCEM.	4 32 8	19 ♋ 58	♋ 9
Braese 24	4	♄ ☌ ☽. ☉ Eclip. Vis	4 32 8	20 55	22 — m. e
3	5		4 33 8	21 52	♌ 5
4	6	♂ ☍ ♀. ♆ 19 ♍ Direct	4 34 8	22 49	19
5	7	♂ Lun, ♄ ♀.	4 35 8	23 46	♍ 3
6	E	♂ Lun ♆.	4 36 8	24 44	16
7	2	Training.	4 36 8	25 41	29
Hull 8	3	♂ 17 ♋ Direct Sewall	4 37 8	26 38	♎ 15 natus
9	4		4 38 8	27 35	29
10	5	☾ Perigæon.	4 39 8	28 32	♏ 13
11	6	♀ 11 ♍ Direct	4 40 8	29 29	27
12	7		4 41 8	☊ 27	♐ 11
Bapt 13	E	Satry ♀ 14 ♋ Direct	4 42 8	01 25	25
14	2	☍ Lun ♂. ☾ ♆	4 43 8	02 22	♑ 9
15	3		4 44 8	03 19	23
16	4	♄ 3 ♍ Direct.	4 45 8	04 16	♒ 6
17	5		4 46 8	05 13	19
18	6	☍ Lun. ♄.	4 47 8	06 10	♓ 2
19	7	☍ Lun. ♆ ♀	4 48 8	07 8	15
20	E		4 49 8	08 5	27
21	2		4 50 8	09 2	♈ 9
Special 22	3	Court Assist.	4 51 8	10 0	21
23	4	☾ Apogæon.	4 52 8	10 58	♉ 3
24	5	♆ 22 ♍ Direct.	4 53 8	11 55	15
25	6		4 54 8	12 53	27
26	7	♄ 4 ♍ Direct	4 55 8	13 50	♊ 9
27	E		4 56 8	14 48	21
x 28	2	♂ enters ♌	4 57 8	15 45	♋ 4
29	3	County Court Boston.	4 58 8	16 43	17
30	4	♂ ☌ ♄ ♀. ♀ 2 ♌ Vir.	4 59 8	17 40	♌ 0
31	5	♀ 20 ♍ Direct.	5 01 7	18 38	14

July comes in and goes out with a New Moon, but you need not much fear very high tides, (for spring tides,) at either time; The highest (we think) will be before the full Though they will not be extraordinarily high then, or any time this month.

The President dyes July 2. just as ye Sun gey from being Eclipsed.

August hath 31 dayes.

First Quarter 7 Day 2 *min.* past 3 after noon.
Full Moon 14 Day 15 *min* past 8 night.
Second Quarter 22 Day 27 *min* past 10 night.
New Moon 30 Day 43 *min* past 5 morn.

M.	W.	Planets. Aspects &c.	R ☉ S.	☉ Place.	☽ Place.
1	5	♂ Lun. ♄	5 27	19 ♌ 35	28
2	7	♂ Lun ♀	5 37	20 22	♍ 12
2	E	♂ Lun. ♆ ♄ 5 ♍ D	5 57	21 29	27
4	2		5 67	22 28	♎ 11
5	3	♂ 6 ♌ Direct.	5 77	23 26	25
6	4	Lun. Perig.	5 87	24 23	♏ 10
7	5	♀ 20 Vir. Retr.	5 97	25 20	24
8	6		5 117	26 18	♐ 08
9	7		5 127	27 16	22
10	E	♆ 26 Vir. Direct.	5 147	28 13	♑ 05
11	2	Lun. ☍	5 157	29 11	19
12	3	☍ Lun. ♂.	5 177	0 ♍ 10	♒ 02
13	4	♄ 9 ♍ Direct	5 187	01 9	15
14	5	☍ Lun, ♄ ☿ ♂ ☉ ♀	5 197	02 7	28
15	6	♀ 3 Virgo, Direct	5 207	03 5	♓ 10
16	7		5 227	04 1	23
17	E	♂ ♄ ☿	5 247	05 0	♈ 05
18	2		5 257	05 58	17
19	3	♂ ☉ ♄	5 277	06 57	29
20	4	Lun. Apogæon	5 287	07 55	♉ 11
21	5	♂ ☿ ☿	5 297	08 53	23
NB. 22	6	*Scire facias.*	5 307	09 51	♊ 05
23	7	♄ 7 Virgo Direct.	5 317	10 50	17
24	E	☿ 13 Virgo. Retro	5 327	11 48	29
25	2	♂ ☉ ☿ ♂ 18 ♌ D	5 347	12 46	♋ 12
Court 26	3	Lun. ♋	5 357	13 44	25
27	4	♂ Lun. ♂	5 377	14 43	♌ 08
28	5		5 397	15 41	22
29	6	♂ Lun. ♄ ☿, ♂ ♆ ☿	5 417	16 40	♍ 06
30	7	♂ Lun. ♄ ☿. ♆ ♎	5 427	17 38	♍ 21
31	E	☿ 3 ♎ Direct.	5 437	18 36	♎ 06

THe Tides in the beginning of this month will be indifferently high, as high (we think) as at the full, When the change comes they will be higher, and will continue to be so, for 3 or 4 dayes: (perhaps) till the 2 of the next month.

September hath 30 dayes.

First Quarter 5 Day 43 *min.* past 8 morn.
Full Moon 13 Day 23 *min.* past 3 after noon.
Second Quarter 21 Day 22 *min* past 2 after noon.
New Moon 28 Day 56 *min.* past 2 after noon.

M.	W.	Planets. Aspects &c.	R ☉ S.	☉ Place.	☽ Place.
1	2	♂ ♄ ☌ ♂ 23 ☊ Di.	5 44 7	19 ♍ 35	♎ 21
2	3	☾ At Bost. Lun. Per	5 45 7	20 34	♏ 06
3	4		5 47 7	21 32	20
4	5	☾ Conj. Hartf. ☌ 7 ♍	5 49 7	22 31	♐ 04
5	6	☿ ℞ ♎ Direct.	5 51 7	23 29	18
6	7		5 53 7	24 28	♑ 02
7	E	Lun. ♆.	5 55 7	25 27	15
8	2	Artil. elect. Cambr.	5 56 7	26 26	29
9	3		5 58 7	27 24	♒ 11
10	4	☿ Lun. ♂ ♄ to ♍.	5 59 7	28 22	24
11	5	♂ Lun. ♄ ☍.	5 59 7	29 21	♓ 07
12	6		6 00 6	0 ♎ 20	19
13	7	☿ Lun. ♆ ♂ ent. ♍	6 02 6	01 19	♈ 10
14	E		6 03 6	02 18	14
15	2	☿ Lun. ☿ ☌ ☉ ♆	6 05 6	03 17	25
16	3	Court N-Lond. Lun Ap	6 07 6	04 16	♉ 07
17	4		6 09 6	05 15	19
18	5		6 10 6	06 14	♊ 01
19	6	☿ enters ♏.	6 12 6	07 14	13
20	7		6 13 6	08 13	25
21	E	☌ ♂ ☿.	6 15 6	09 12	♋ 07
22	2	☾ Lun. ♋.	6 16 6	10 12	20
23	3		6 17 6	11 11	♌ 02
24	4	♆ ℞ ♎ Direct	6 18 6	12 11	16
25	5	☾ Lun. ♂ ☿ ☿ 6 ♍	6 19 6	13 10	♍ 10
26	6	☾ ☌ Lun. ♄	6 20 6	14 9	14
27	7	☾ ☌ Lun. ♆.	6 21 6	15 9	29
28	E	♃ 12 ♍	6 21 6	16 8	♎ 14
29	2	Lun. Perigeon.	6 25 6	17 8	29
30	3	Court Ipsw. & Spring	6 26 6	18 7	♏ 13

THis month comes in with high tides: at the time of the moons being at the full, they will not be extraordinary, but when her change comes they will be high and will continue so to the end of the month.

October hath 31 dayes:

First Quarter 5 Day 43 *min.* past. 4 morn.
Full Moon 13 Day 28 *min.* past. 4 morn.
Second Quarter 21 Day 23 *min* past 6 morn.
New Moon 28 Day 4 *min.* past morn.

M.	W.	Planets. Aspects &c.	R ☉ S.	☉ Place.	☾ Place.
1	4	♆ 7 ♎ Direct.	6 27 6	19 ♎ 07	☌ ☽
2	5	♂ 12 ♍ Dir.	6 29 6	20 07	14
3	6	♂ ♄ ♂	6 30 6	21 05	28
4	7	☍ ☿ ♀ 13 Virgo D	6 31 6	22 6	♍ 12
5	E	☽ 17 ♏ D. ♄ 12 Vir. D	6 31 6	23 6	26
6	2		5 34 6	24 5	♒ 8
7	3	County Court Cambridg	6 35 6	25 5	21
8	4	☍ Lun. ♄ ♀.	6 37 6	26 5	♓ 4
Th. Fi 9	5	☿ Lu. ♂. ♂ ♄ ♀ —	6 39 6	27 — 5	♈ 16 Vping.
10	6	♄ 13 ♍ Direct.	6 40 6	28 5	28
11	7	☍ ♆ Lun. ♄ ♀	6 41 6	29 5	♉ 10
12	E	♄ 13 Virg. Dir	6 42 6	♏ 5	22
13	2	☍ Lun. ♆. ♆ 9 ♎ D	6 43 6	01 5	♊ 4
14	3	Lun. Apogæon.	6 41 6	02 5	16
15	4		6 45 6	03 5	28
16	5	C. Affi. Hartford.	6 47 6	04 5	♋ 10
17	6		6 48 6	05 5	22
+ 18	7	♀ 17 ♏ R.	6 49 6	06 5	♌ 4
19	E		6 50 6	07 6	16
20	2	Lun. ♌.	6 51 6	08 6	29
Fast 21	3	♄ 14 Virg. Di.	6 53 6	09 6	♍ 12
22	4	♆ 11 ♎ Direct. —	6 54 6	10 6	25
23	5	☌ ☉ ♀ ☌ 65 Virg D.	6 56 6	11 7	Vir. 9
24	6	☌ Lun. ♄.	6 57 6	12 7	23
25	7	☌ Lun. ☌ ♀	6 59 6	13 7	♎ 7
26	E	☌ Lun. ♆ ☌ ☌ ♀.	7 00 5	14 8	22
27	2		7 1 5	15 8	♏ 8
28	3	☌ Lun ♀.	7 2 5	19 9	23
29	4	☽ Boston & Plymouth.	7 3 5	17 9	♐ 8
30	5	♀ enters ♎.	7 5 5	18 10	23
31	6		7 7 5	19 10	♑ 7

THis month will come in with pretty high tides, but towards the latter end will be higher; on the 28 day will happen an extraordinary high tide: It will be full water at Boston about half an hour past eleven of the clock.

The wind being Westerly, the Tide flowed not so high as [illegible] a great [illegible]

November hath 30 dayes.

First Quarter 3 Day 34 *min.* past 9 morn.
Full Moon 11 Day at 11 noon.
Second Quarter 1941 *min* past 6 morn,
New Moon 26 Day 21 *min* past 10 night.

M.	W.	Planets Aſpects &c.	R ☉ S.	☉ Place,	☽ Place.
1	7	Lun. ♆.	7 8 5	30 ♏ 11	♍ 21
2	1	♆ 13 ♎ Direct	7 9 5	21 12	♒ 05
3	2	*Snow*	7 10 5	22 12	18
4	3	C. Court Fairfield.	7 11 5	22 13	♓ 01
5	4	☌ ♄ ☾ ☿ 5 ♏ Dir.	7 12 5	24 14	13
6	5	☍ Lun ♂.	7 13 5	25 15	25
7	6	☌ Lun. ♆ ☿.	7 14 5	26 15	♈ 07
8	7	☿ 10 ♎ D.	7 15 5	27 16	10
9	8	☌ Lun. ☿.	7 16 5	28 17	♉ 1
10	9	♂ 6 ♎ Direct.	7 17 5	29 18	13
11	10	♄ 16 Virgo Direct.	7 18 5	♑ 19	25
12	11	C. Court Newnav. ♆ 15 ♎	7 19 5	01 19	♊ 07
13	12	♂ ♆ ☿	7 20 5	02 20	19
14	13		7 21 5	03 21	♋ 01
15	14	♄ 18 Virgo Direct.	7 22 5	04 22	13
16	15	Lun ☌ ♄.	7 23 5	05 23	25
17	16	☿ 21 ♎ Direct.	7 23 5	06 24	♌ 13
18	17	*Mehetabel*	7 24 5	07 25	28
19	18	☌ Lun. ♄ ☍ ♂ 12 ♎ D	7 25 5	08 26	♍ 05
20	19		7 25 5	09 27	18
21	20	☍ Lun ♆ ☍ ♂ ☿ ♆ 17 ♎	7 26 5	10 28	♎ 12
22	21		7 27 5	11 29	16
23	22	Lun. Perigæon.	7 27 5	12 30	♏ 01
24	23		7 28 5	13 31	16
25	24	C Court Salem. ☿ 1 ♑	7 29 5	14 31	♑ 1
26	25	☿ 1 ♏ Direct.	7 29 5	15 34	16
27	26	☍ — — — Lun. ♆	7 30 5	16 35	♐ 01
28	27	— — —	7 30 5	17 36	16
29	28		7 30 5	18 37	♒ 00
30	29		7 31 5	19 38	14

THe Tides this month will not be higher then ordinary at the full of the Moon, unleſs ſomething we foreſee not, do occaſion it; but from the 23 to 27 day they will be high: on the 25 day we do expect the higheſt, Full Sea then at Boſton about 10 of the clock.

Tuesday Novr 25. A very high Tide, began to run into our Cellar. till 6. this

December hath 31 dayes.

First Quarter 3 day 50 *min.* past 1 afternoon.
Full Moon 11 Day 31 *min.* past 5 afternoon.
Second Quarter 19 Day 23 *min.* past 6 morn.
New Moon 25 Day 55 *min* past 9 night.

M.	W.	Planets. Aſpects &c.	R ☉S.	☉ Place.	☾ Place.
1	2	♂ ☿ ♂.	7 31 5	20 ♐ 40	♒ 27
2	3	☽ ♄.	7 32 5	21 41	♓ 09
3	4	♄ 17 Vir. D.	32 5	22 42	22
4	5	♀ 15 ♐ D.	7 33 5	23 43	♈ 04
5	6	☽ ☾ ♆ ♂ ♅ 19 ♎	7 33 5	24 45	16
6	7		7 33 5	25 46	28
7	E	☽ Lun. ♀ ☾ Apog.	7 34 5	26 47	♉ 10
8	2		7 34 5	27 48	22
9	3		7 34 5	28 50	♊ 03
10	4		7 34 5	29 51	15
11	5	☾ Eclips. Viſible.	7 34 5	0 ♑ 52	28
12	6	☾ ♏ ♆ 20 ♎ Dir.	7 34 5	01 53	♋ 10
13	7	♀ 19 ♍ Direct.	7 34 5	02 55	23
14	E	☿ 1 ♑ Direct.	7 34 5	03 56	♌ 04
15	2		7 34 5	04 57	17
16	3	Covant. Court Charlest	7 34 5	05 59	♍ 02
17	4	♂ Lun. ♄.	7 35 5	07 00	15
18	5		7 33 5	08 01	29
19	6	♂ Lun. ♆. ♂ ☉ ♂	7 33 5	09 03	♎ 12
20	7	♂ Lun. ♂	7 32 5	10 04	27
21	E	♂ enters ♍	7 32 5	11 05	♍ 11
22	2	♂ ♀ Lun. ☾ Perig.	7 31 5	12 08	25
23	3	♀ entrs ♐	7 31 5	13 08	♐ 10
24	4		7 30 5	14 09	25
25	5	♂ Lun. ♀.	7 29 5	15 10	♑ 09
26	6	☾ ♆.	7 29 5	16 12	24
27	7		7 28 5	17 13	♒ 08
28	E	♄ 17 ♍ Retro.	7 28 5	18 14	22
29	2	Cob Day.	7 27 5	19 16	♓ 05
30	3	☿ Lun. ♄.	7 27 5	20 17	13
31	4	♂ 5 ♍ D	7 26 5	21 18	♈ 00

AT the time of the Moons being at the full, the tides will not be very high, unleſſe the weather be the occaſion thereof. And when the change comes they will not be very extraordinary, though then and 3 or 4 dayes before they will be higher then ordinary.

January hath 31 dayes

First Quarter 2 Day 48 *min* past 9 morn.
Full moon 10 Day 10 *min* past 10 morn.
Second Quarter 17 Day 31 *min* past 2 after noon.
New Moon 24 Day 1 *min* past 11 morn.

M.	W.	Planets Aspects &c.	R ☉ S.	☉ Place	☾ Place
1	5	△ ☽ ♀	7 25 5	22 ♑ 19	♈ 12
2	6	Divinus ☍ ☾ ♆.	7 25 5	23 20	24
3	7	☍ ☌ Lun.	7 24 5	24 21	♉ 06
4	E		7 24 5	25 23	18
5	2	☾ Apog. □ ♄ ♀	7 23 5	26 24	♊ 00
6	3	☍ Lun. ♀	7 22 5	27 25	12
7	4		7 21 5	28 26	24
8	5	☾ ♋. △ Lun. ♂	7 20 5	29 27	♋ 06
9	6		7 19 5	0 ♒ 28	19
10	7	♀ 15 ♒ Direct.	7 18 5	01 30	♌ 02
11	E	☍ Lun. ♀.	7 17 5	02 31	15
12	2		7 16 5	03 32	28
13	3	☌ Lun. ♄	7 15 5	04 33	♍ 12
14	4		7 14 5	05 34	26
15	5	△ ♆ ♀	7 13 5	06 35	♎ 09
16	6	☌ Lun. ♆ ♀ ent. ♈	7 12 5	07 36	23
17	7	☌ Lun. ☌	7 11 5	08 37	♏ 07
18	E		7 10 5	09 38	21
19	2	☾ Perigæon.	7 9 5	10 39	♐ 06
20	3		7 8 5	11 40	20
21	4	☌ L. ♀. ☾ ♆. ☌ en ♓	7 7 5	12 41	♑ 04
22	5	♄ 15 ♑ Retrograde.	7 6 5	13 42	18
23	6		7 5 5	14 43	♒ 02
24	7		7 4 5	15 43	16
25	E	☌ Lun. ♀.	7 3 5	16 44	29
26	2	♆ 22 ♎ ☍ ♄ Lu.	7 2 5	17 45	♓ 13
27	3	Count. Court Boston.	7 1 5	18 46	25
28	4		6 59 6	19 47	♈ 08
29	5	☌ Lun. ♆ △ ♄ ♀	6 57 6	20 47	20
30	6		6 56 6	21 48	♉ 02
31	7	☍ Lun. ☌ △ Lun. ♄	6 54 6	22 49	14

NO tides extraordinarily high will happen this month, however when the moon shall change and a little before that time, the tides will rise to a pretty great height.

Februarȳ hath 28 dayes.

First Quarter 1 day 30 *min.* past 6 morn.
Full Moon 9 Day 15 *min.* past 1 morn.
Second Quarter 15 Day 22 *min.* past 9 night.
New Moon 23 Day 42 *min* past 1 morn.

M.	W.	Planets. Aſpects &c.	R ☉ S.	☉ Place.	☾ Place.
1	E	☌ Lun. ♂ Lun. Ap.	6 52 6	21 ♒ 49	♉ 26
2	2	☿ 1 ♓ Retrog.	6 50 6	24 50	♊ 08
3	3		6 48 6	25 51	20
No 4	4	☿ 29 ♒ Retrograde.	6 48 6	26 51	♋ 02
5	5	♂ ☉ ☿. ♄ 14 Vir R.	6 47 6	27 52	14
6	6	☌ Lun. ♀.	6 46 6	28 52	27
7	7		6 44 6	29 53	♌ 10
8	E	☌ Lun. ☿ ♂ 25 ♏.	6 42 6	♓ 53	23
9	2		6 40 6	01 54	♍ 07
10	3	♀ enters ♒.	6 39 6	02 54	21
11	3	♂ Lun. ♄.	6 38 6	03 54	♎ 05
12	4		6 37 6	04 55	20
13	5		6 36 6	05 55	♏ 05
14	6	♂ Lun. ♃.	6 35 6	06 55	18
15	7	♂ Lun. ♂ ☿ 20 ♒	6 24 6	07 55	♐ 2
16	E		6 32 6	08 56	16
17	2		6 31 6	09 56	♑ 00
18	3	Lun. ☌ ♆	6 29 6	10 56	14
19	4	☌ ent ♐ ♆ 21 ♎ R.	6 28 6	11 56	28
20	5	☿ 11 ♒ Direct.	6 27 6	12 56	♒ 11
21	6	♂ Lun. ☿ ☿. ☿ 19 ♒	6 26 6	13 56	25
22	7	♂ ☉ ♄.	6 24 6	14 56	♓ 8
23	E	☌ ♄ Lun.	6 22 6	15 56	21
24	2	♂ 2 ♐ Dir.	6 20 6	16 56	♈ 03
25	3		6 18 6	17 59	16
26	4	☌ Lun. ♆.	6 16 6	18 56	28
27	5	♀ 20 ♒ Dir.	6 14 6	19 56	♉ 10
28	6	♂ 4 ♐ Direct.	6 13 6	20 55	22
	7				

THis *month* will come in and go out with neep tides, and there will not be a really high tide, either at full, change, or any time this month; however from the full to the change they wil continue (generally) indifferently high.

Next Turn to Watch at March 12.

Concerning Lightning, and Thunder, with some Observations and Cautions touching the same.

LIghtning is an Exhalation hot and dry, as also hot and moist; which being Elevated by the Sun to the middle Region of the Air, is there included or shut up within a cloud and cannot ascend; but by an Antiperistasis grows hotter and is enkindled, attenuated, and so seeks for more room, which not finding in the cloud, violently rends the same, breaks out of it, and continues burning so long that it comes to the very ground. —— By its rending of the cloud, there is caused a most dreadfull noise or rumbling, and this we call Thunder: So that Thunder is improperly reckoned among the Kinds or Species of *Meteors*.

Of Lightning, [*fulmen*] there are three sorts, *viz.* piercing, [*Terebrans*] dashing in peices [*dissipiens*] and burning [*urens*] Piercing Lightning (which is also called white Lightning,) does consist of a most Subtile and thin exhalation and is very penetrating.

Observ. By reason of its subtile nature, many strange effects are produced thereby; A sword blade will be melted in its scabbard, and the scabbard not hurt at all: The pores in the scabbard are so great, that this Lightning passeth through them without any hurt, but coming to a more solid body (as the sword blade is) it meets with opposition there, and so through its heat melts it.

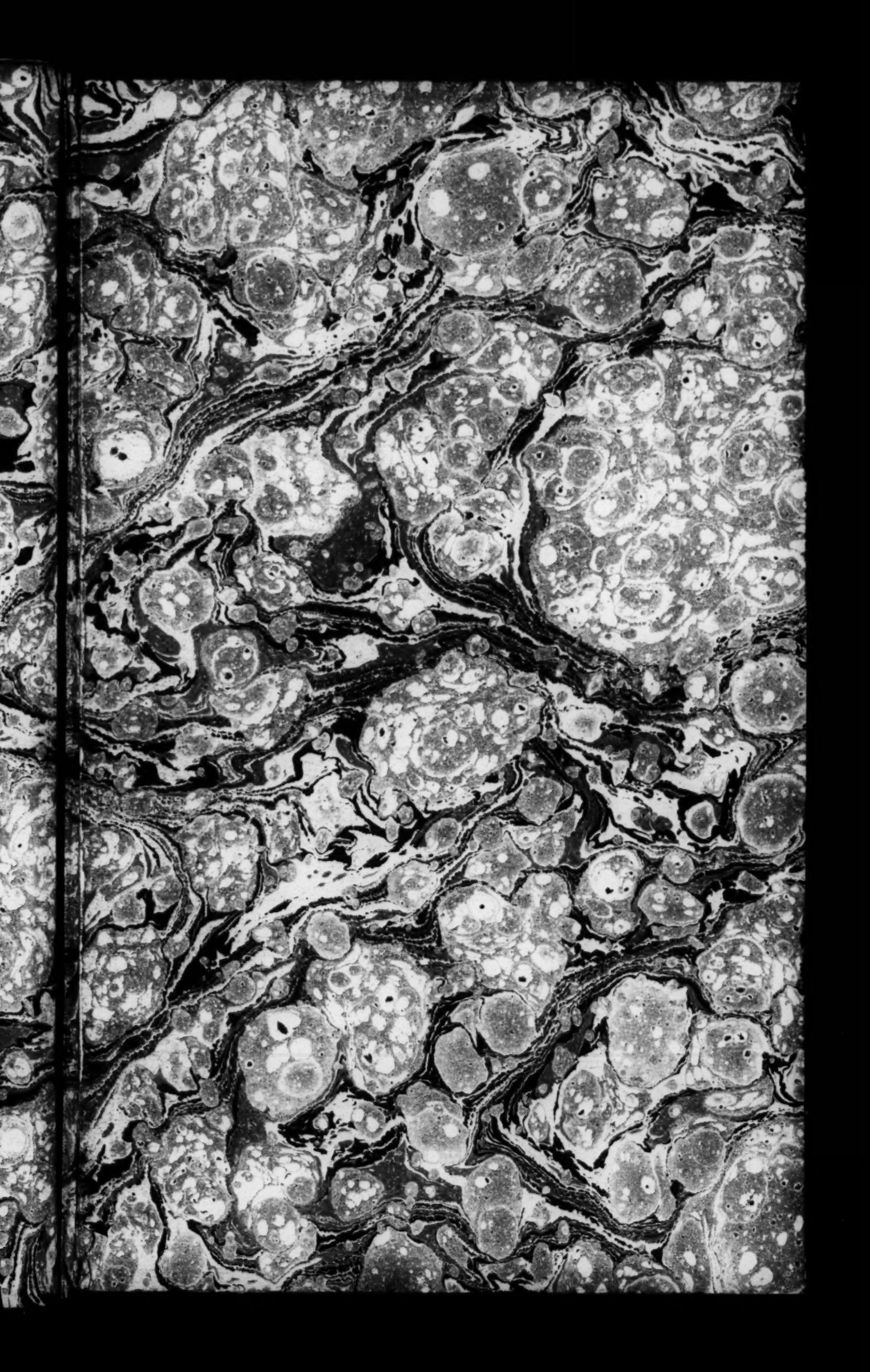
The *Second* sort of *Lightning*, is such as consists of a more fat and thick exhalation, which meeting with things, burnes not to ashes, but blasts and scorcheth them.

Observ. With this *Lightning*, there happens to be (yet seldome) a *Stone*, that is called a Thunder-bolt, which breaketh forth with the exhalation, (as a bullet out of a gun) and breaks into pieces whatever it meets. When it strikes the earth it is reported to go not above five foot deep.

The *Third* sort of Lightning is fulmen urens [*burning Lightning*] and is more fiery then flamy; of a more grosse and earthy substance then the preceding sorts.

Observ. If Lightning kill one in his sleep, he dyes with his eyes opened, the Reason is because it just wakes him and kills him before he can shut his eyes again: If it kills one waking his eyes will be found to be shut, because it so amaseth him, that he winketh and dyes before he can open his eyes again.

Caution. It is not good to stand looking on the lightning at any time, for if it hurts no otherway, yet it may dry up or so waste the Chrystalline Humour of the eyes that it may cause the sight to perish, or it may swell the face, making it to break out with scabs, caused by a kind of poyson in the exhalation which the pores of the face and eyes do admit:

FINIS.

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